2-520335-2 ✔ ACTIVE

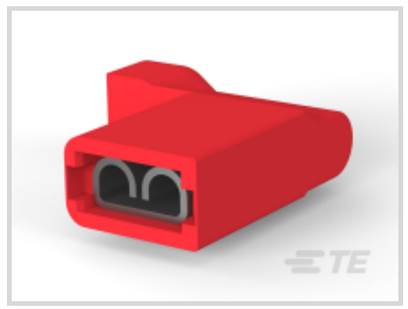
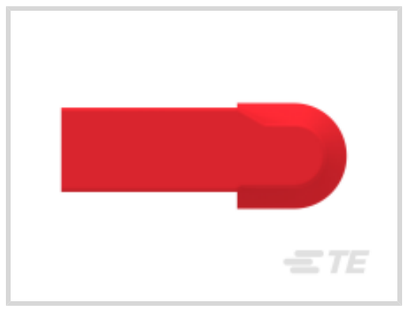
Ultra-Fast | Ultra-Fast 187

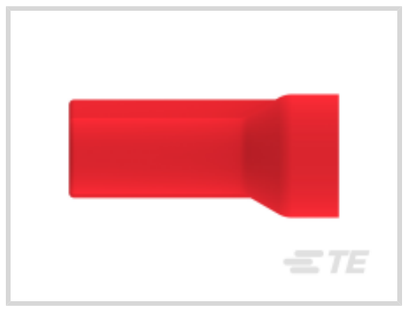
TE Internal #: 2-520335-2

Quick Disconnect Receptacle, 22 – 18 AWG, .32 – .82 mm² Wire, 4.75 mm [.187 in] Tab Width, Flag, Brass, Tin Plating, Ultra-Fast 187

View on TE.com >

Terminals & Splices > Quick Disconnects




Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.32 – .82 mm²**

Mating Tab Width: **4.75 mm [.187 in]**

Mating Tab Thickness: **.51 mm [.02 in]**

Features

Industry Standards

Compatible With Agency/Standards Products	UL
UL Flammability Rating	UL 94V-2

Termination Features

Product Terminates To	Wire & Cable

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
Connection Capacity	Single

Electrical Characteristics

Voltage Rating	600 V

Body Features

Insulation Material	Nylon

Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple

Other

Barrel Color	Red
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Packaging Features

Packaging Quantity	1000
Packaging Method	Loose Piece/Carton

Dimensions

Product Length	13.08 mm[.515 in]
Compatible Insulation Diameter Range	4.19 mm[.165 in]
Terminal Material Thickness	.41 mm[.016 in]
Wire Size	.32 – .82 mm²

Product Type Features

Insertion Force	Low

Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	4.75 mm[.187 in]
Mating Tab Thickness	.51 mm[.02 in]
Terminal Orientation	Flag
Contact Base Material	Brass
Terminal Plating Material	Tin
Crimp Type	F-Crimp
Barrel Type	Closed

Usage Conditions

Insulation Option	Fully Insulated
Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts



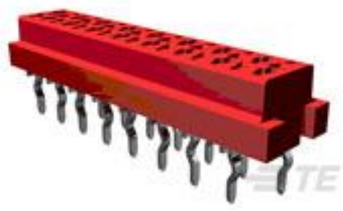
TE Part # 90390-3
DIES ULTRA-FAST FASTON 22-18 DIE SET

Also in the Series | Ultra-Fast 187



Quick Disconnects(47)

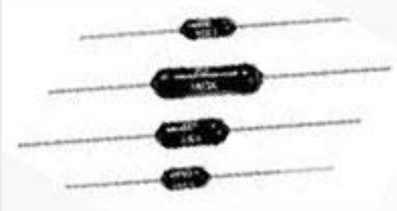
Customers Also Bought



TE Part #215079-6
MICRO-MATCH FOB.06P



TE Part #3-1879023-0
3650 1008 0.56uH 5% 2K RL



TE Part #5-1879666-7
H8 511K 0.1% 15PPM



TE Part #837975-3
LGH-3 LEAD ELECT MLD END



TE Part #C01371-000
HW-762127-1-9



TE Part #4329854002
LSTT-2.4-9-SP



TE Part #1658624-1
10 NOVO DUAL 30DP, LEAD FREE



TE Part #234487-E
SRCA 1,27 12 F 1 I2426 137 E1 094 1,07 T

TE Part #3-1608052-1
157-23C200=R2969



TE Part #234459-E
SRCA 1,27 3 F 1 I2426 137 * 094 1,07 TRA

Documents

Product Drawings

ULTRA-FAST 187 ASY REC 22-18 TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-520335-2_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-520335-2_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-520335-2_G.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

Ultra-Fast and Ultra Fast Plus

English

Product Specifications

Application Specification

English